GENERAL Characteristics

- Lamp Type: Standard MH Single Ended
- ANSI Code: MS9/E
- Bulb Shape: ED28
- Base Type: Mogul POMB (EP39)
- Bulb Finish: Coated
- Rated Life: 20000 hours
- Operating Position: Horizontal ±45°

PHOTOMETRIC

- Initial Lumens: 38000
- Lumens Per Watt: 95
- Lamp Lumen Depreciation (LLD): 0.65 (65%) @ 8000
- Correlated Color Temperature: 3700K
- Chromaticity Coordinates (CIE-x,y): .395 .390
- Color Rendering Index (CRI) Ra: 70

PHYSICAL

- Bulb Diameter: 3.5” (90mm)
- Max. Overall Length (MOL): 8.3” (211mm)
- Light Center Length (LCL): 5.0” (127mm)
- Effective Arc Length: N/A
- Max. Base Temperature (°C): 230
- Max. Bulb Temperature (°C): 450
- Socket Pulse Rating (KV): -
- Luminare Type: Enclosed Rated

ELECTRICAL

- Lamp Watts: 400
- Lamp Oper. Voltage (Nom.): 135
- Dimming

SUSTAINABILITY

- Mercury Amount (mg): 53.8
- Picograms of Hg per Mean Lumen Hour: 109

NOTES

- Lamp performance ratings published in this data sheet are based upon operation with magnetic ballasts.
- Operation of position-rated lamps outside of their tolerances will result in poor performance.
- Permitted rotation about axis ± 15°.
- To calculate nighttime Scotopic lumens, multiply the lumen rating by the S/P ratio (1.7).

Spectral Distribution

- 3700K

Lumen Maintenance

- % Lumen vs. % Life

Lamp Mortality

- % Survival vs. % Rated Life

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